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Book, R.V., The undecidability of a word problem: On a conjecture of Strong, Maggiolo-Schettini and Rosen **12** (3) (1981) 121–122
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Book, R.V. and **F. Otto,** Cancellation rules and extended word problems **20** (1) (1985) 5–11
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Boykin, P.O., T. Mor, M. Pulver, V. Roychowdhury and **F. Vatan,** A new universal and fault-tolerant quantum basis **75** (3) (2000) 101–107
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Bozanis, P., N. Kitsios, C. Makris and **A. Tsakalidis,** The space-optimal version of a known rectangle enclosure reporting algorithm **61** (1) (1997) 37–41
Bozapalidis, S. and **S. Ioulidis,** Varieties of formal series on trees and Eilenberg's theorem **29** (4) (1988) 171–175
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Bradford, J.H., Sequence matching with binary codes **34** (4) (1990) 193–196
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Brandstetter, A., Storage requirements in stochastic data acquisition systems **1** (6) (1972) 217–219
Brandt, J., C. Cabrelli and **U. Molter,** An algorithm for the computation of the Hutchinson distance **40** (2) (1991) 113–117
Brandt, J., C. Cabrelli and **U. Molter,** An algorithm for the computation of the Hutchinson distance (*Corrigendum*) **41** (6) (1992) 347
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Brandwajn, A. and **B. Mouneix,** A study of a page-on-demand system **6** (4) (1977) 125–132
Branquart, P., J.P. Cardinael, J.P. Delescaille and **J. Lewi,** A context-free syntax of ALGOL 68 **1** (4) (1972) 141–148
Brassard, G. and **S. Kannan,** The generation of random permutations on the fly **28** (4) (1988) 207–212
Bratko, I., Proving correctness of strategies in the AL1 assertional language **7** (5) (1978) 223–230
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Bright, J.D., Range-restricted mergeable priority queues **47** (3) (1993) 159–164
Brinch Hansen, P., Universal types in Concurrent Pascal **3** (6) (1975) 165–166
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Broadley, W., *see* **Reddy, R. 1** (6) (1972) 246–251
Brodal, G.S. and **S. Venkatesh,** Improved bounds for dictionary look-up with one error **75** (1–2) (2000) 57–59
Broder, A.Z., M.E. Dyer, A.M. Frieze, P. Raghavan and **E. Upfal,** The worst-case running time of the random simplex algorithm is exponential in the height **56** (2) (1995) 79–81
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Brogi, A., E. Lamma and **P. Mello,** Hypothetical reasoning in logic programming: A semantic approach **36** (6) (1990) 285–291
Bron, C., Outline of a machine without branch instructions **1** (3) (1972) 117–119
Bron, C., E.J. Dijkstra and **S.D. Swierstra,** A memory-management unit for the optimal exploitation of a small address space **15** (1) (1982) 20–22
Bron, C. and **W.H. Hesselink,** Smoothsort revisited **39** (5) (1991) 269–276
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Broy, M., M. Wirsing, J.P. Finance, A. Quéré and **J.L. Remy,** Methodical solution of the problem of ascending subsequences of maximum length within a given sequence **8** (5) (1979) 224–229
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Coffman Jr., E.G. and **C.J.M. Turnbull,** A note on the relative performance of two disk scanning policies **2** (1) (1973) 15–17
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Reddy, R., W. Broadley, L. Erman, R. Johnsson, J. Newcomer, G. Robertson and **J. Wright,** XCRIBL – A hardcopy scan line graphics system for document generation **1** (6) (1972) 246–251
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Yu, C.T. and **D.T. Johnson,** On the complexity of finding the set of candidate keys for a given set of functional dependencies **5** (4) (1976) 100–101
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Yu, M.-S. and **C.-H. Yang,** A simple optimal parallel algorithm for the minimum coloring problem on interval graphs **48** (1) (1993) 47–51
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Yu, S., A pumping lemma for deterministic context-free languages **31** (1) (1989) 47–51
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Yu, W., *see* **Liu, Z.** **69** (6) (1999) 275–281
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Yuba, T. and **M. Hoshi,** Binary search networks: A new method for key searching **24** (1) (1987) 59–65
Yuba, T., Y. Yamaguchi and **T. Shimada,** A control mechanism of a Lisp-based data-driven machine **16** (3) (1983) 139–143
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Yue, P.C., *see* **Nievergelt, J.** **1** (6) (1972) 220–225
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Zargham, M.R. and **K.J. Danhof,** Toward a definition of fault analysis for Petri nets models **34** (6) (1990) 299–305
Zave, D.A., A fast compacting garbage collector **3** (6) (1975) 167–169
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Zeadally, S., Performance evaluation of a Java-based networking Application Programming Interface (API) **75** (5) (2000) 199–209
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Zelkowitz, M.V., Structured operating system organization **3** (2) (1974) 39–42
Zemach, C., *see* **Guralnik, G.** **21** (1) (1985) 17–21
Zemanek, H., Obituary Victor Mikhaylovich Glushkov (1923–1982) **14** (5) (1982) 236–237
Zemankova, M., *see* **Eastman, C.M.** **15** (2) (1982) 53–56
Zemel, E., An O(n) algorithm for the linear multiple choice knapsack problem and related problems **18** (3) (1984) 123–128
Žerovnik, J., A randomised heuristical algorithm for estimating the chromatic number of a graph **33** (4) (1989) 213–219
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Zhang, Y., *see* **Hu, Q.** **71** (1) (1999) 23–27
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Zheng, Y., On key agreement protocols based on tamper-proof hardware **53** (1) (1995) 49–54
Zheng, Y. and **H. Imai,** How to construct efficient signcryption schemes on elliptic curves **68** (5) (1998) 227–233
Zheng, Y., *see* **Seberry, J.** **50** (1) (1994) 37–41
Zheng, Z.-J., The DuoDirun Merging Algorithm: A new fast algorithm for parallel merging **17** (3) (1983) 167–168
Zhou, C., **C.A.R. Hoare** and **A.P. Ravn,** A calculus of durations **40** (5) (1991) 269–276
Zhou, S., *see* **Saks, M.** **73** (1–2) (2000) 29–32
Zhou, X., **N. Nagai** and **T. Nishizeki,** Generalized vertex-rankings of trees **56** (6) (1995) 321–328
Zhu, B., Computing the shortest diagonal of a monotone polygon in linear time **42** (6) (1992) 303–307
Zhu, B., *see* **Cai, L.** **69** (3) (1999) 127–130
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Zhu, B., *see* **Rote, G.** **38** (3) (1991) 149–151
Zhu, M., **N.K. Loh** and **P. Siy,** Towards the minimum set of primitive relations in temporal logic **26** (3) (1987) 121–126
Zhu, X., *see* **Guan, D.J.** **61** (2) (1997) 77–81
Zhu, Y. and **T.-Y. Cheung,** A new distributed breadth-first-search algorithm **25** (5) (1987) 329–333
Zhu, Y., *see* **Ahuja, M.** **35** (1) (1990) 7–11
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Zippel, R., An explicit separation of relativised random polynomial time and relativised deterministic polynomial time **33** (4) (1989) 207–212
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Zissimopoulos, V., On the performance guarantee of neural networks for NP-hard optimization problems **54** (6) (1995) 317–322
Zissos, D. and **F.G. Duncan,** Programmed simulation of race hazards in sequential circuits **1** (1) (1971) 11–13
Zissos, D., *see* **Duncan, F.G.** **1** (1) (1971) 4–6
Zito, M., *see* **Dunne, P.E.** **65** (1) (1998) 17–23
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Zobel, J., *see* **Moffat, A.** **46** (2) (1993) 71–77
Zobrist, A.L., *see* **Manacher, G.K.** **9** (1) (1979) 31–34
Zubair, M. and **B.B. Madan,** Time efficient systolic architecture for matrix $*$ vector multiplication **24** (4) (1987) 225–231
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Zuckerman, D., *see* **Luby, M.** **47** (4) (1993) 173–180
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Zuczek, R., The universal space for parallel computation **6** (2) (1977) 42–45
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